

Christie Velvet - Apex Series

1.9mm indoor LED tiles - landscape

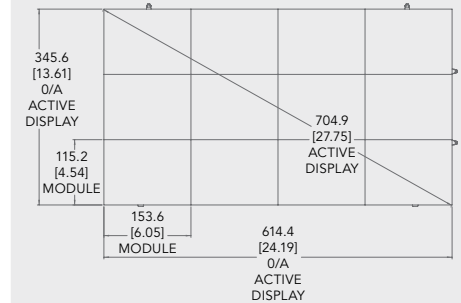
Technical specifications		Christie LED019-AL
Display technology	pixel pitch	• 1.92mm
	pixel configuration	• 3-in-1 (1R1G1B)
	pixel density	• 270,400 pixels/m ²
	maximum calibrated brightness	• 1000 nits (cd/m ²)
	aspect ratio	• 16:9
	contrast ratio (full field)	• 5000:1
	viewing angle	• 160° H, 140° V
	refresh rate	• ≥3200Hz
	scan rate	• 1/15
	color temperature	• 2700-9600K
Signal	display colors	• 4.398 trillion (14-bit)
	inputs	• HDMI (HDCP) • DVI (HDCP) • HDSDI
Power	input rating - remote power supply ¹	• 100-240 VAC @ 50-60Hz
	power consumption per cabinet	• 71W typical • 211W maximum
	heat output	• 242 BTU/hr typical • 720 BTU/hr maximum
Environment	operating temperature	• 32-104°F (0-40°C)
	operating humidity	• 10-90% non-condensing
	storage temperature	• 14-122°F (-10-50°C)
	environment	• Indoor
	IP rating	• 30
	LED lifespan (50% brightness)	• 100,000 hrs
	runtime	• 24/7
Physical	tile dimensions (installed)	• (WxHxD): 24.19 x 13.61 x 3.71" (614.4 x 345.6 x 94.3mm)
	tile area	• 2.29 ft ² (0.2123m ²)
	tile resolution	• 320 x 180 pixels
	tile weight	• 19.8lbs (9kg)
	cabinet design	• Die-cast aluminum
	service access	• Front service only
	module dimensions	• (WxH): 6.05 x 4.54" (153.6 x 115.2mm)
	module resolution	• 80 x 60 pixels
	support brackets & blocks	• included
	Certifications ²	• UL, FCC, CE, EMC, RoHS
Warranty	<ul style="list-style-type: none"> • Three year parts and labor limited warranty • Contact an authorized Christie representative for full details • Extended warranty option available for a one-time fee at time of purchase 	

¹See remote power supply specifications for full details.

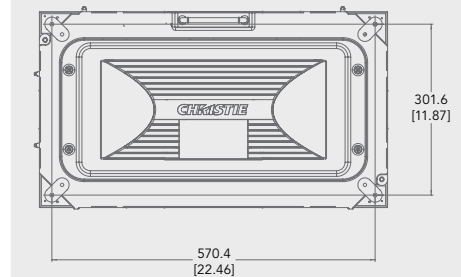
²Certain of the listed certifications may be pending and not yet issued. For the current status of the listed certifications, please contact an authorized Christie representative.

Performance specifications are typical. Due to constant research, specifications are subject to change without notice.

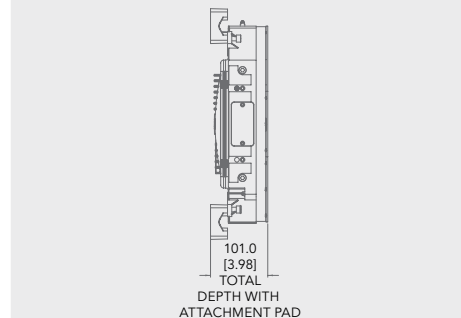
Front view



Back view



Side view



Corporate offices

Christie Digital Systems USA, Inc.
Cypress
ph: 714 236 8610

Christie Digital Systems Canada Inc.
Kitchener
ph: 519 744 8005

Worldwide offices

Australia
ph: +61 (0) 7 3624 4888

Brazil
ph: +55 (11) 2548 4753

China (Beijing)
ph: +86 10 6561 0240

China (Shanghai)
ph: +86 21 6278 7708

France
ph: +33 (0) 1 41 21 44 04

Germany
ph: +49 2161 664540

India
ph: +91 (080) 6708 9999

Japan (Tokyo)
ph: 81 3 3599 7481

Korea (Seoul)
ph: +82 2 702 1601

Mexico
ph: +52 55-4744-1790

Republic of South Africa
ph: +27 11 251 0000

Russian Federation and Eastern Europe
ph: +36 (0) 1 47 48 100

Singapore
ph: +65 6877 8737

Spain
ph: +34 91 633 9990

United Arab Emirates
ph: +971 4 3206688

United Kingdom
ph: +44 (0) 118 977 8000

United States (Arizona)
ph: 602 943 5700

United States (New York)
ph: 646 779 2014

Independent sales consultant offices

Italy
ph: +39 (0) 2 9902 1161

For the most current specification information, please visit www.christiedigital.com

Copyright 2016 Christie Digital Systems USA, Inc. All rights reserved. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Christie Digital Systems Canada Inc.'s management system is registered to ISO 9001 and ISO 14001. Performance specifications are typical. Due to constant research, specifications are subject to change without notice. Printed in Canada on recycled paper. 4332 Aug 16

CHRISTIE